

34 Sheets

FIG.1  
1 (10)

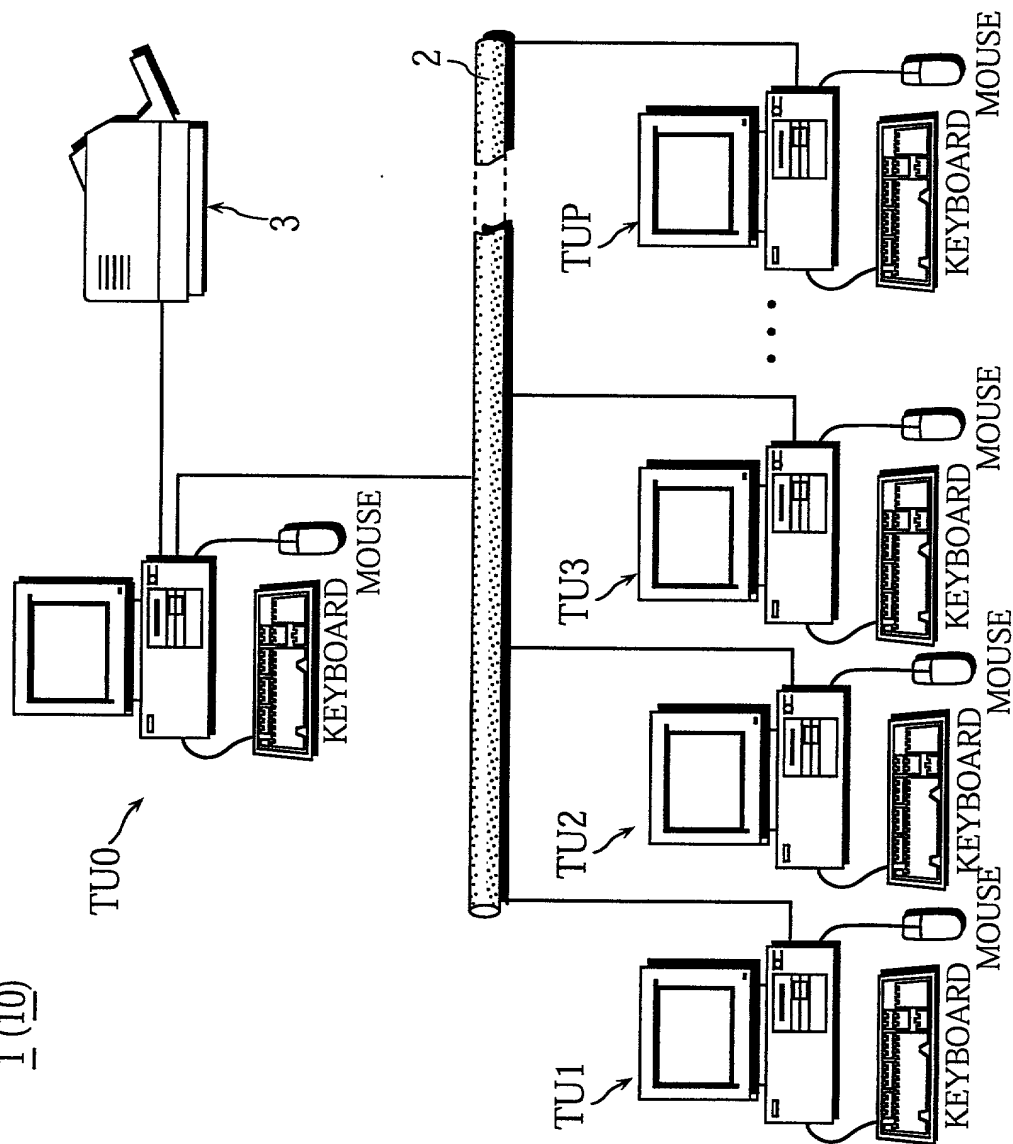


FIG. 2

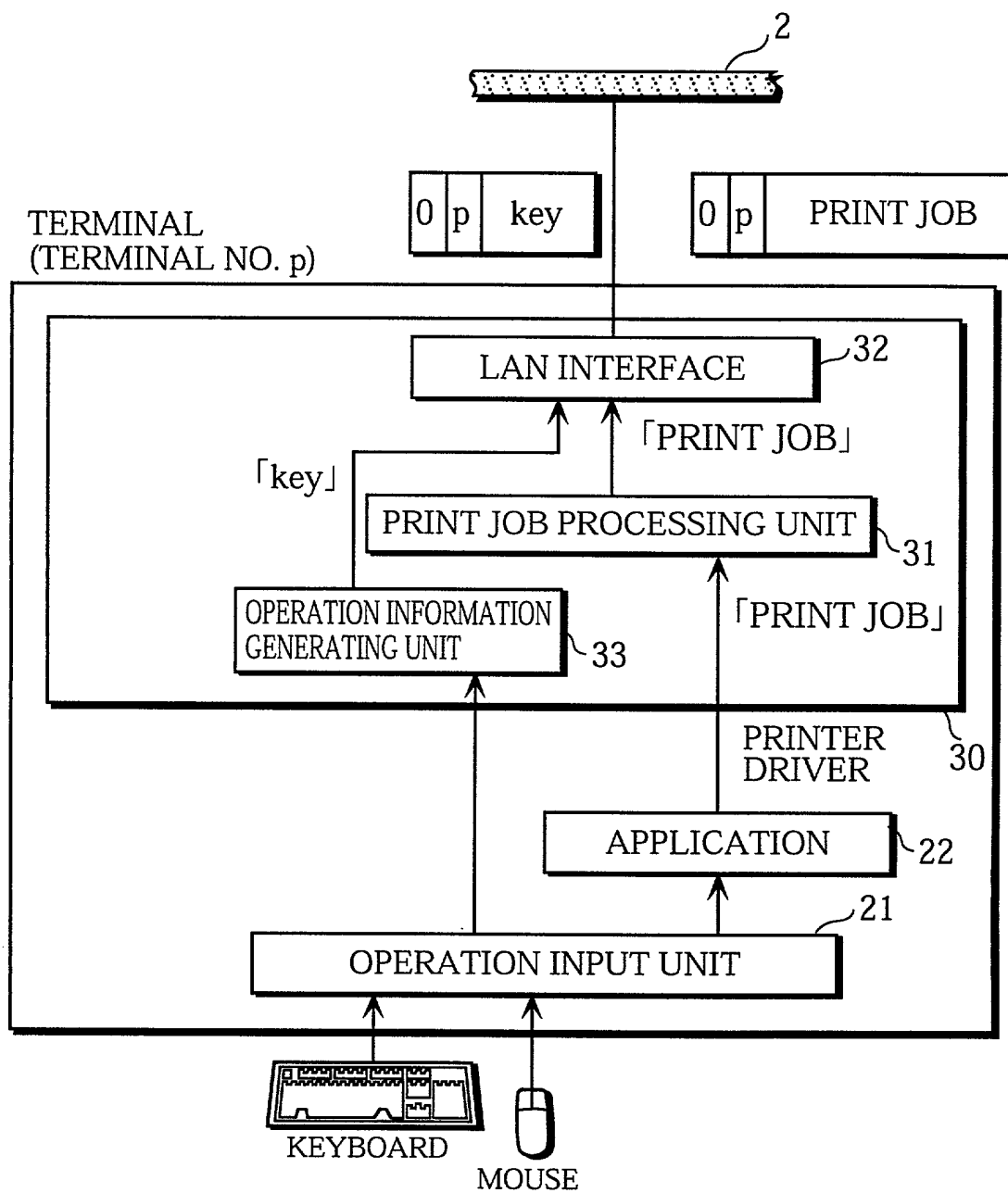


FIG. 3

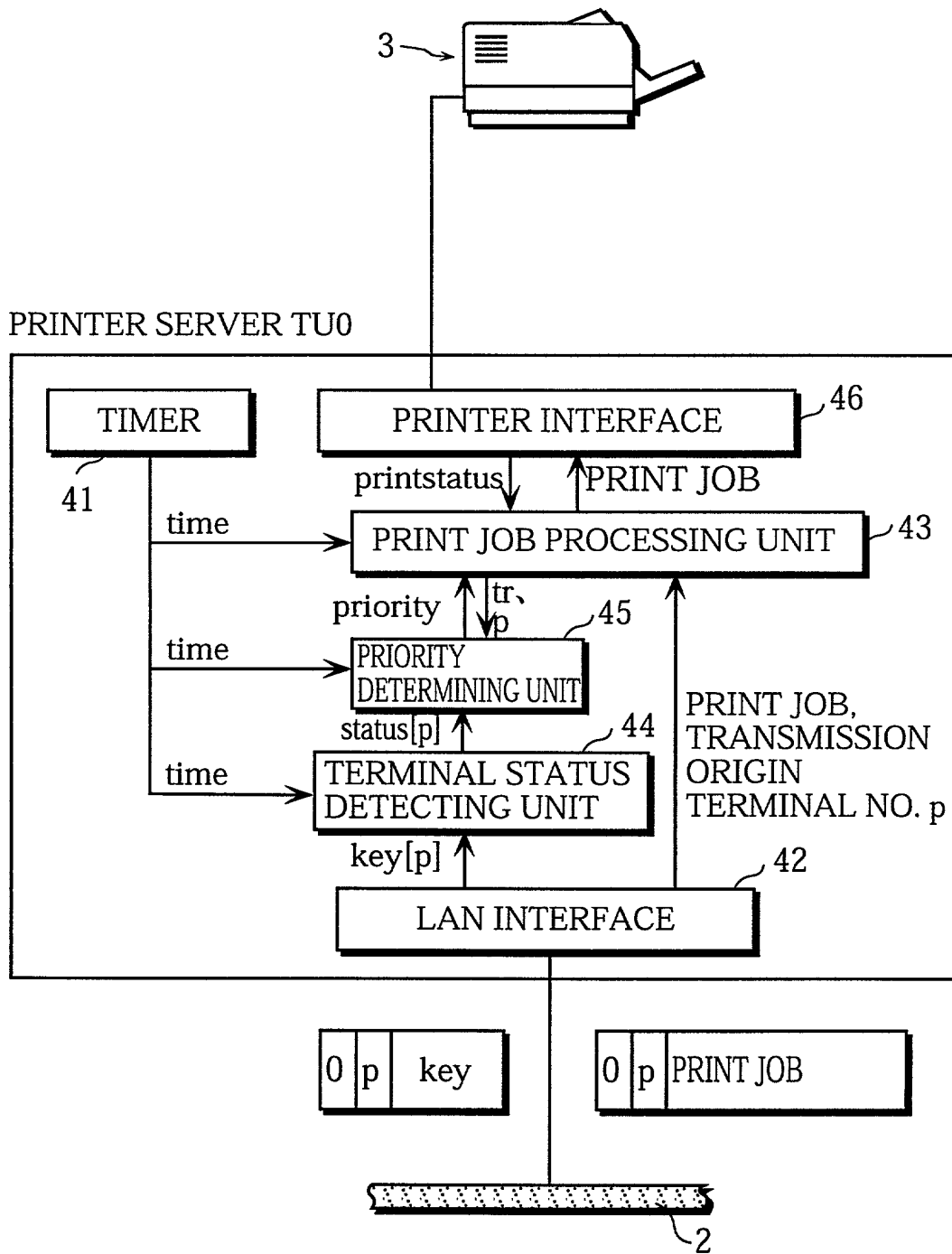


FIG. 4

PRINT JOB BUFFER 431

BUFFER NO.	FLAG (ON/OFF)	PRINT JOB	TERMINAL NO. (p)	RECEPTION TIME (tr)	PRIORITY LEVEL (priority)
1					
2					
3					
n					
N					

FIG. 5

STATUS STORAGE TABLE441

TERMINAL NO.	RECEPTION TIME (tl)	EXPIRED TIME (tk)	STATUS
1			
2			
3			
p			
P			

FIG.6

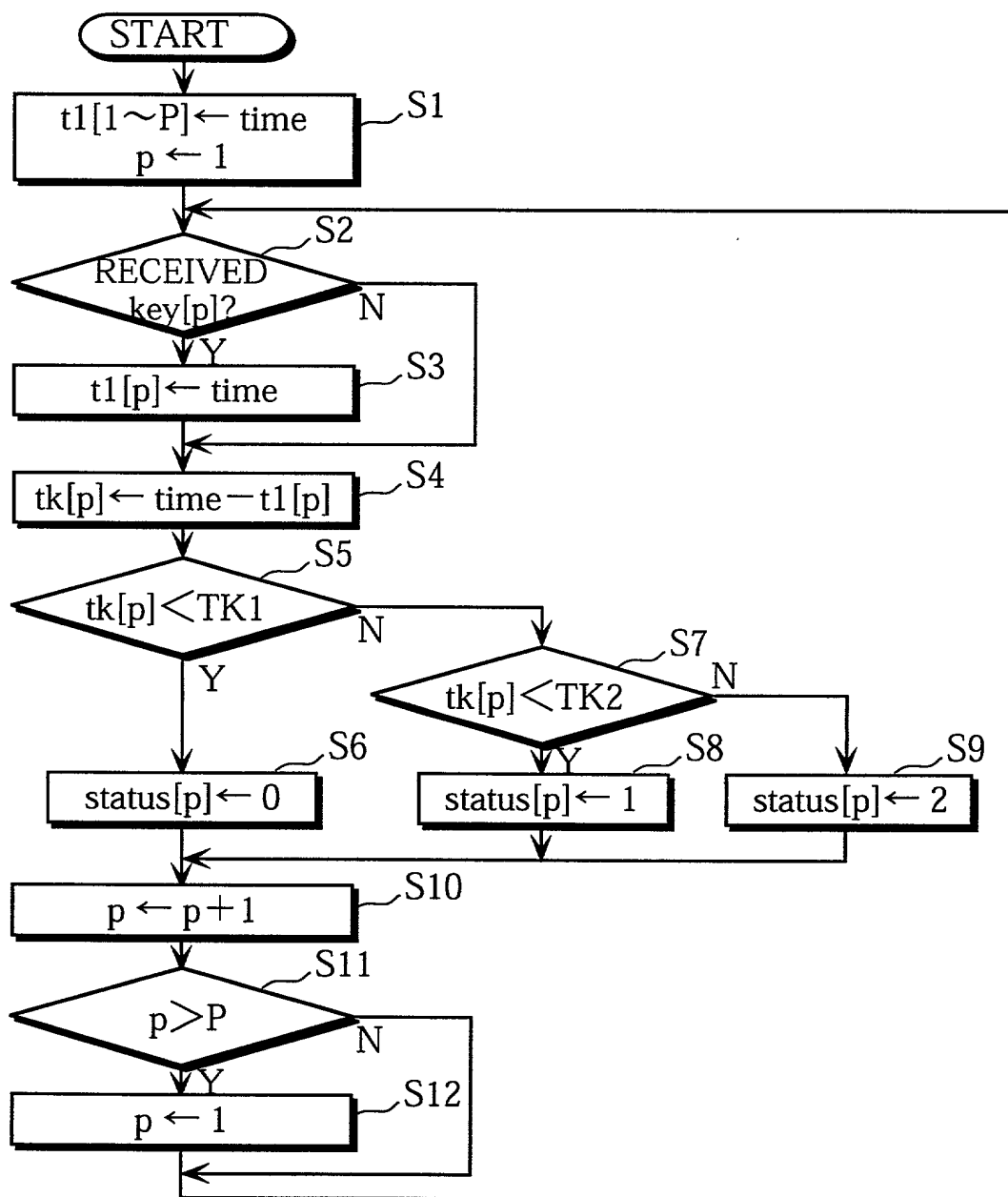


FIG. 7

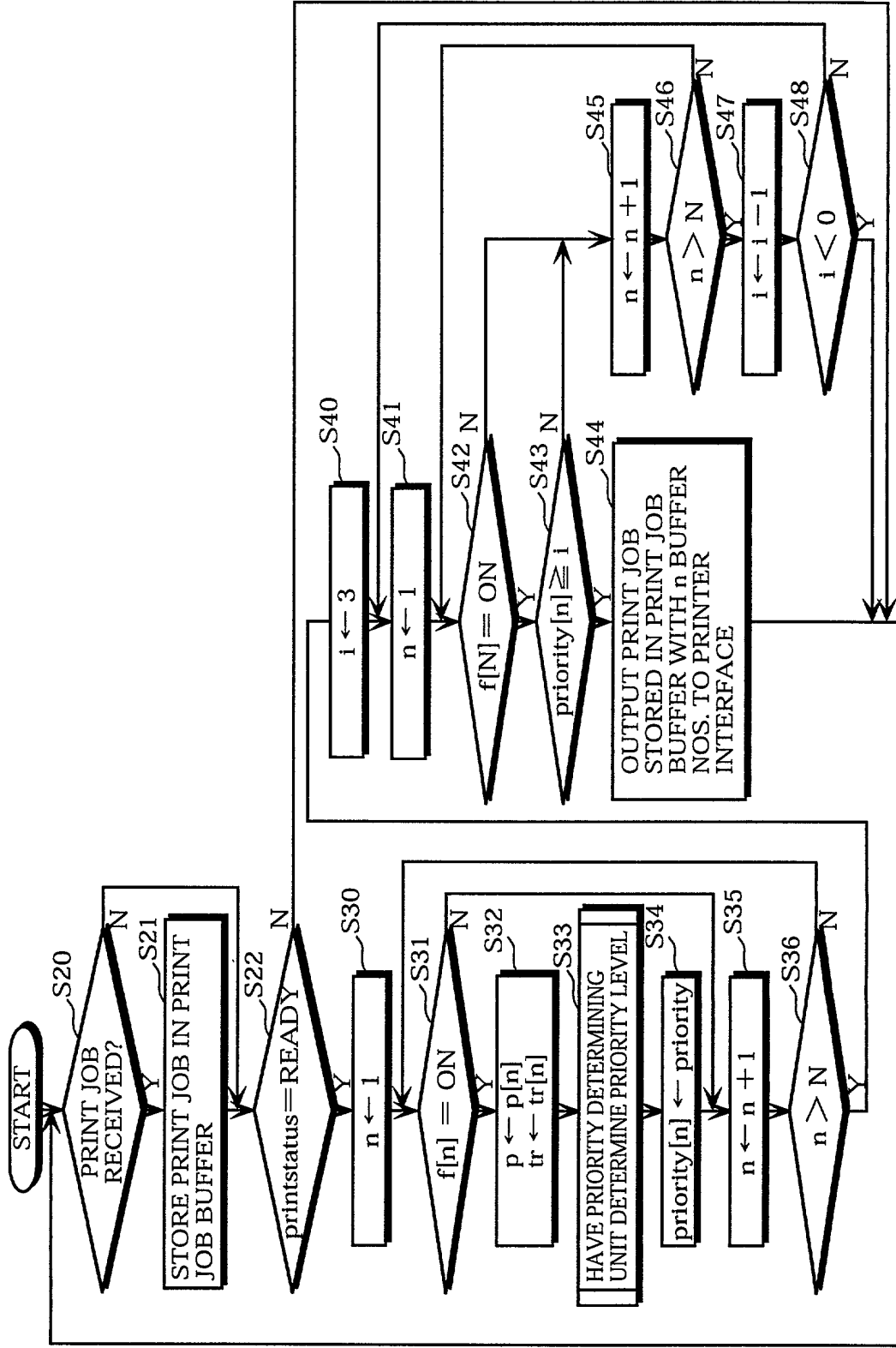


FIG.8

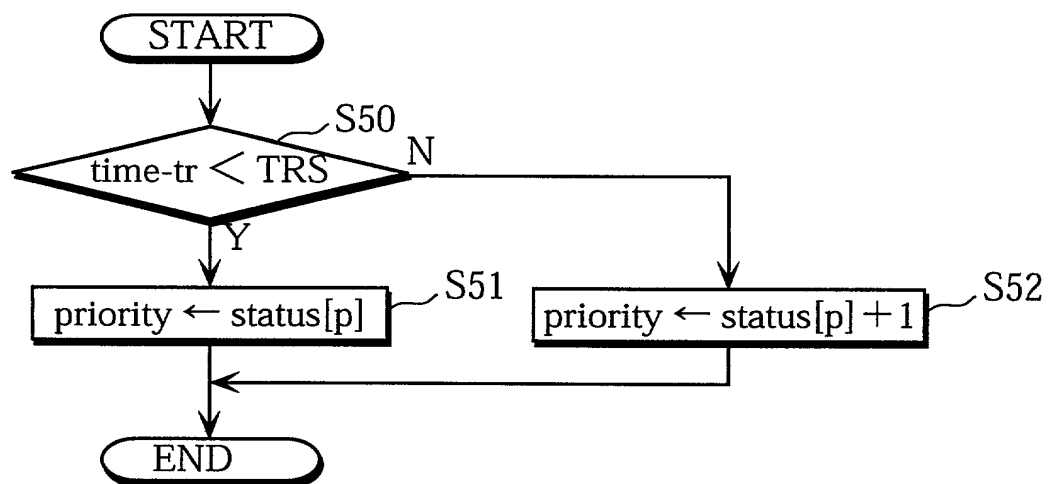




FIG.9

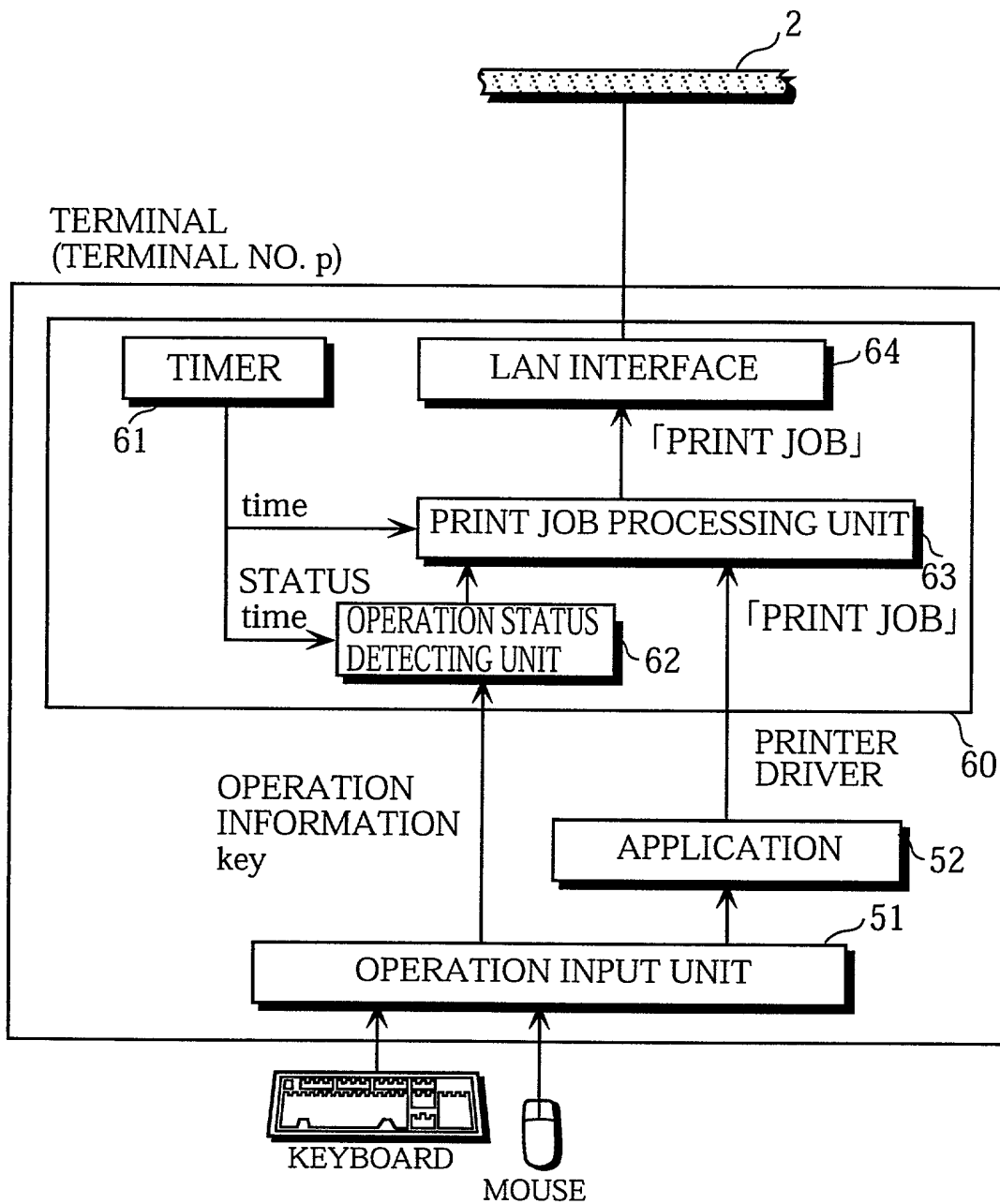


FIG. 10

STATUS STORAGE TABLE 621

RECEPTION TIME (tl)	
EXPIRED TIME (tk)	
STATUS	

FIG. 11

PRINT JOB BUFFER 631

BUFFER NO.	FLAG (ON/OFF)	PRINT JOB	RECEPTION TIME (tr)
1			
2			
3			
n			
N			

FIG. 12 is a flowchart illustrating a process for determining a status based on received data and time.

FIG. 12

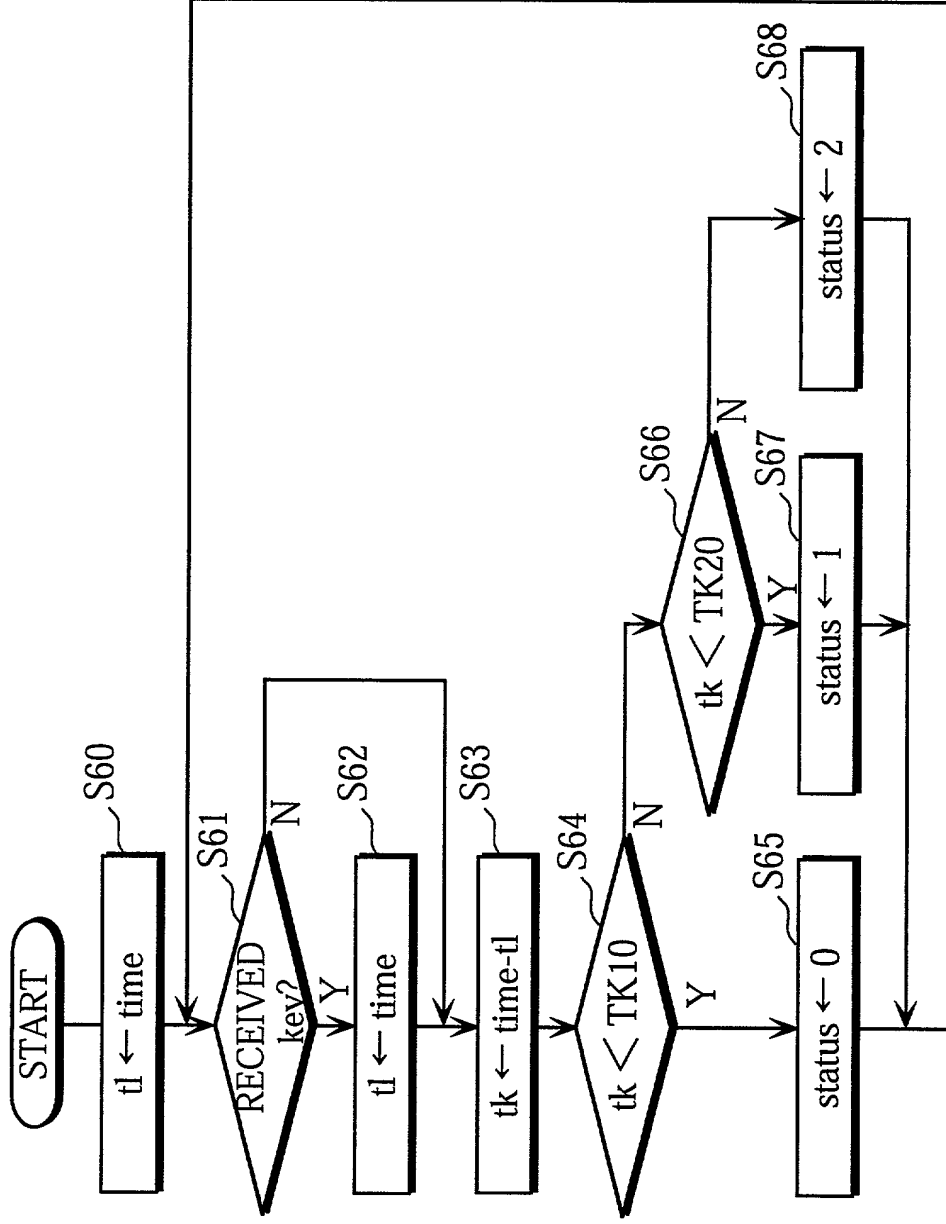


FIG. 13

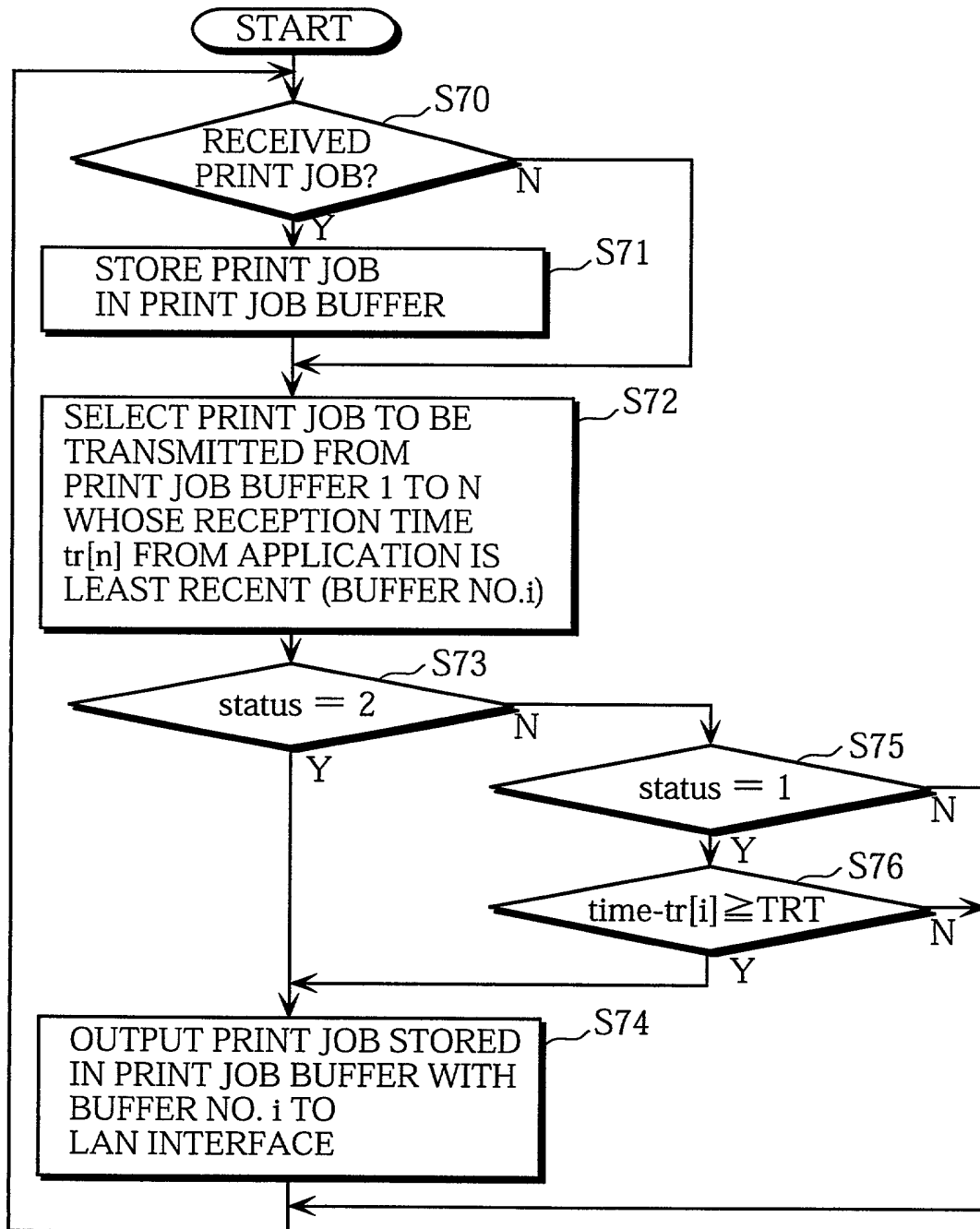


FIG. 14 is a schematic diagram of a networked printing system. The system includes a central computer system (TU0A) connected to a printer (3A). The central computer system (TU0A) is also connected to a network (2A) which is connected to a series of terminal units (TU1A, TU2A, TU3A, TUPA). Each terminal unit (TU1A, TU2A, TU3A, TUPA) is connected to the network (2A) and has its own keyboard and mouse. The terminal units (TU1A, TU2A, TU3A, TUPA) are also connected to a printer (3A) via the network (2A). The printer (3A) is connected to the network (2A) and is used to print documents from the terminal units (TU1A, TU2A, TU3A, TUPA). The network (2A) is represented by a dashed line with a central box labeled "0 p PRINT JOB".

FIG.14

1A

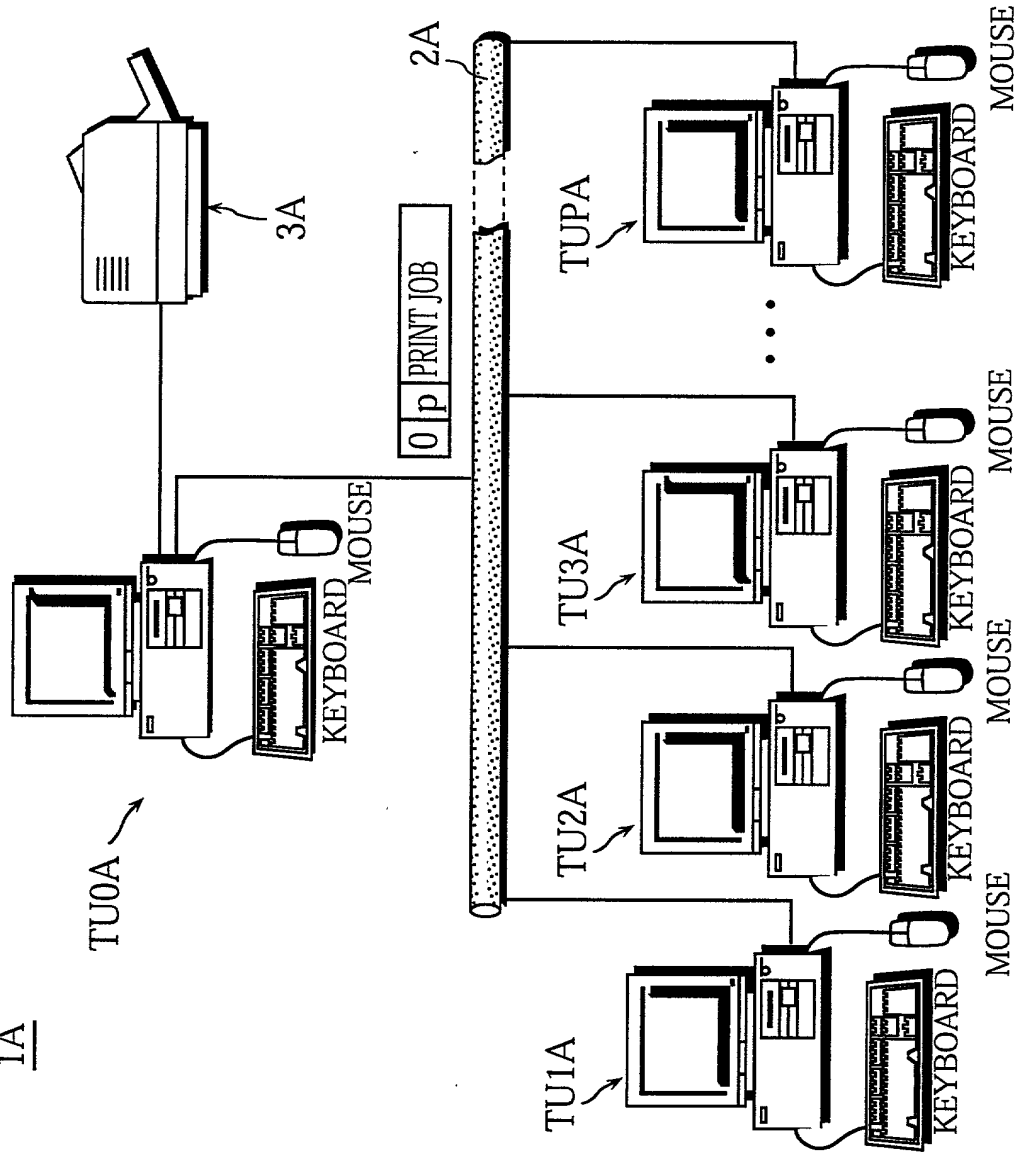


FIG. 15

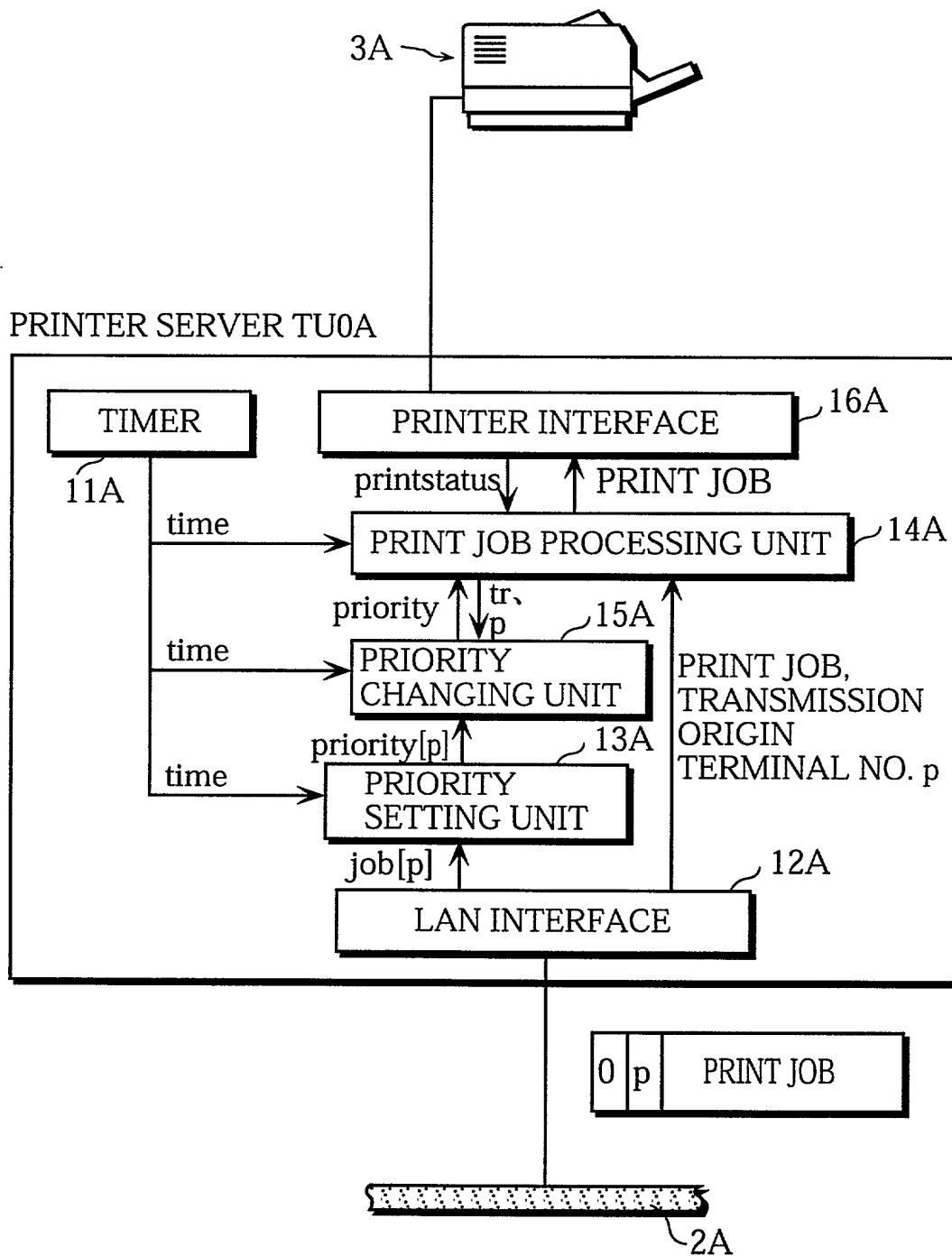


FIG. 16

PRIORITY STORAGE TABLE 131A

TERMINAL NO.	RECEPTION TIME (tl)	EXPIRED TIME (tk)	PRIORITY LEVEL (priority)
1			
2			
3			
P			
P			

FIG. 17

PRINT JOB BUFFER 141A

BUFFER NO.	FLAG (ON/OFF)	PRINT JOB	TERMINAL NO. (p)	RECEPTION TIME (tr)	PRIORITY LEVEL (priority)
1					
2					
3					
n					
N					



FIG.18

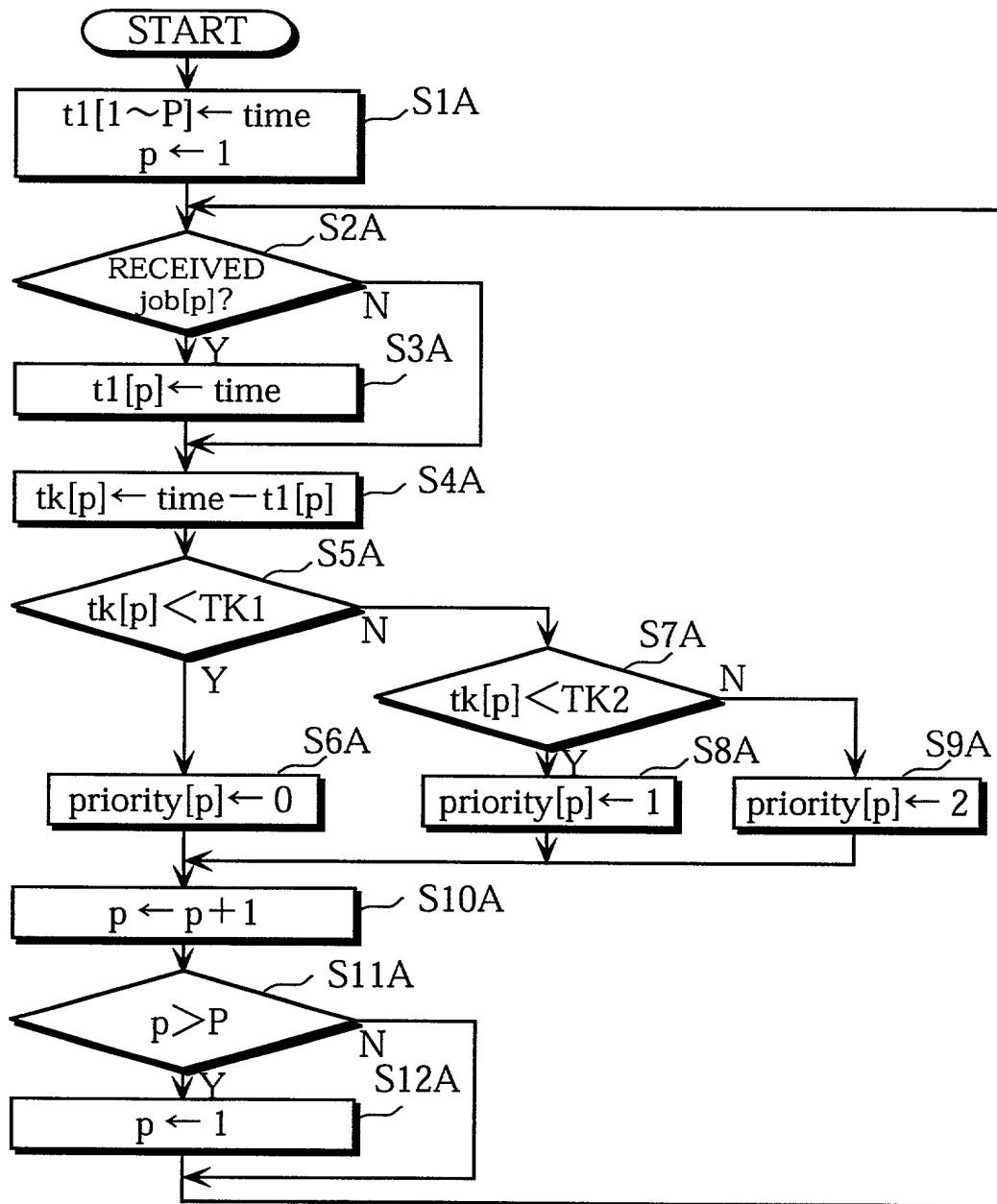


FIG. 19

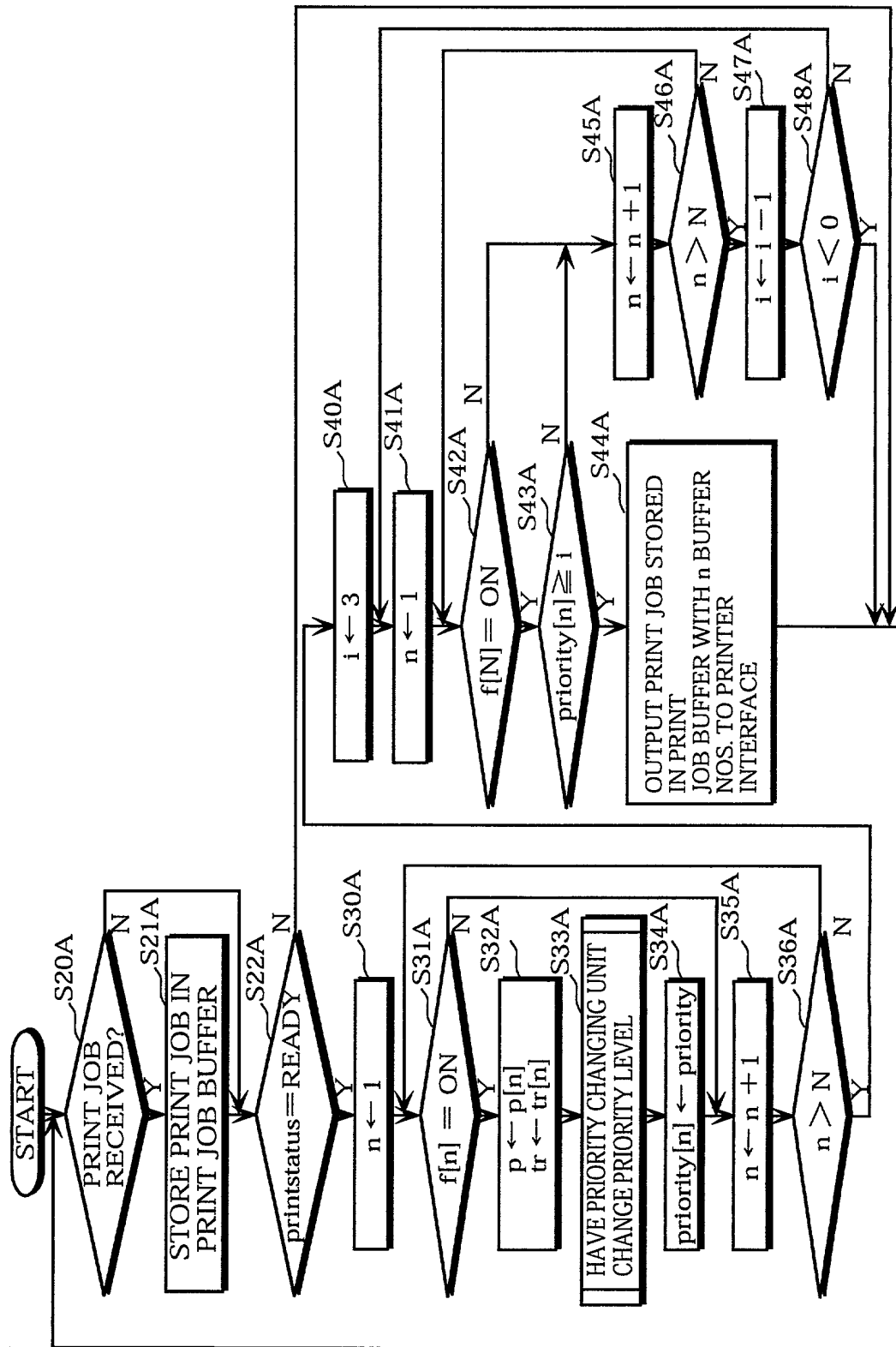


FIG. 20

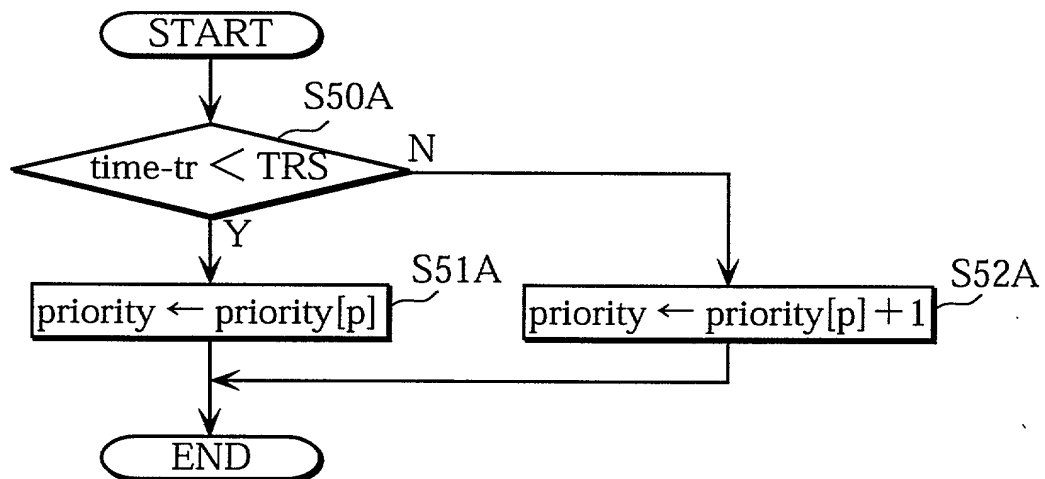


FIG. 21  
1B

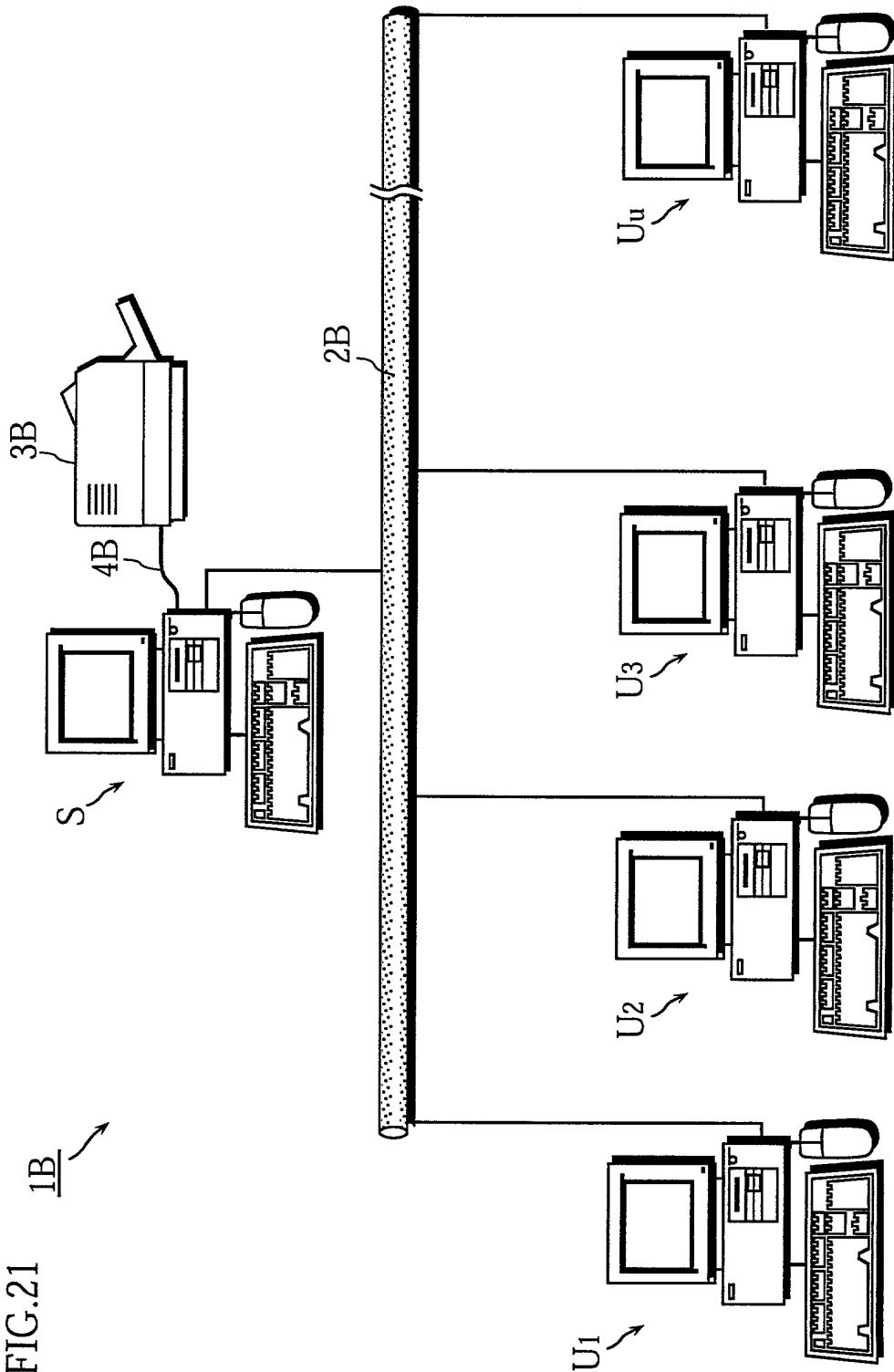


FIG. 22

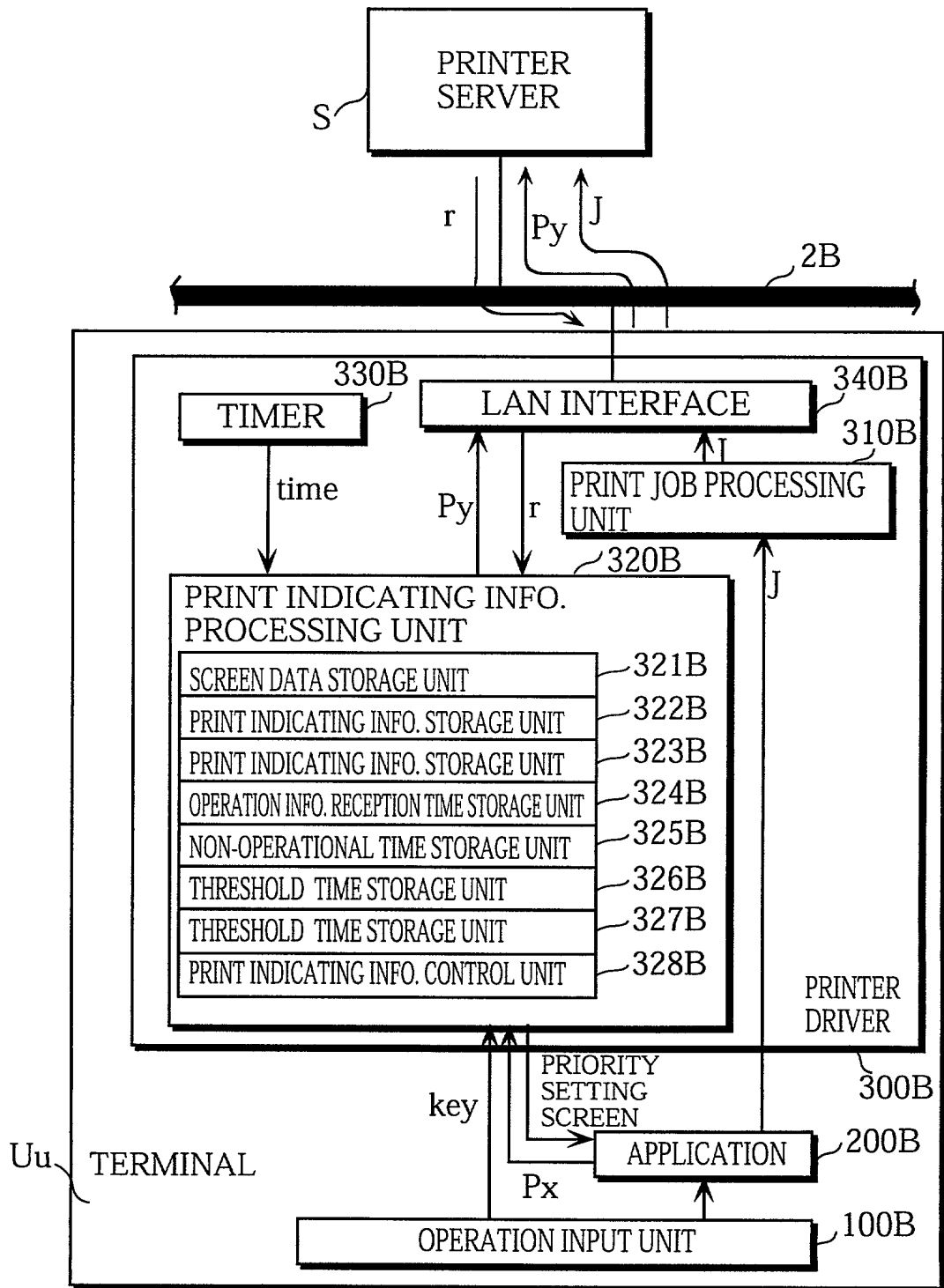


FIG. 23

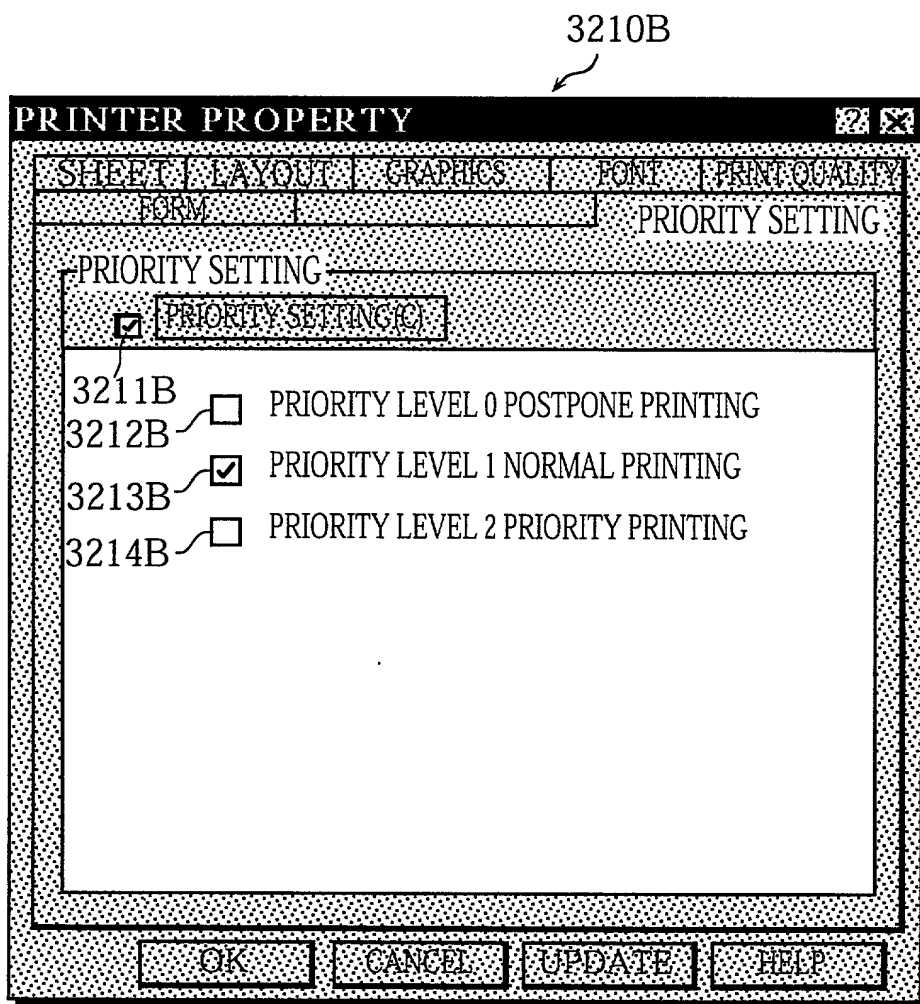


FIG.24

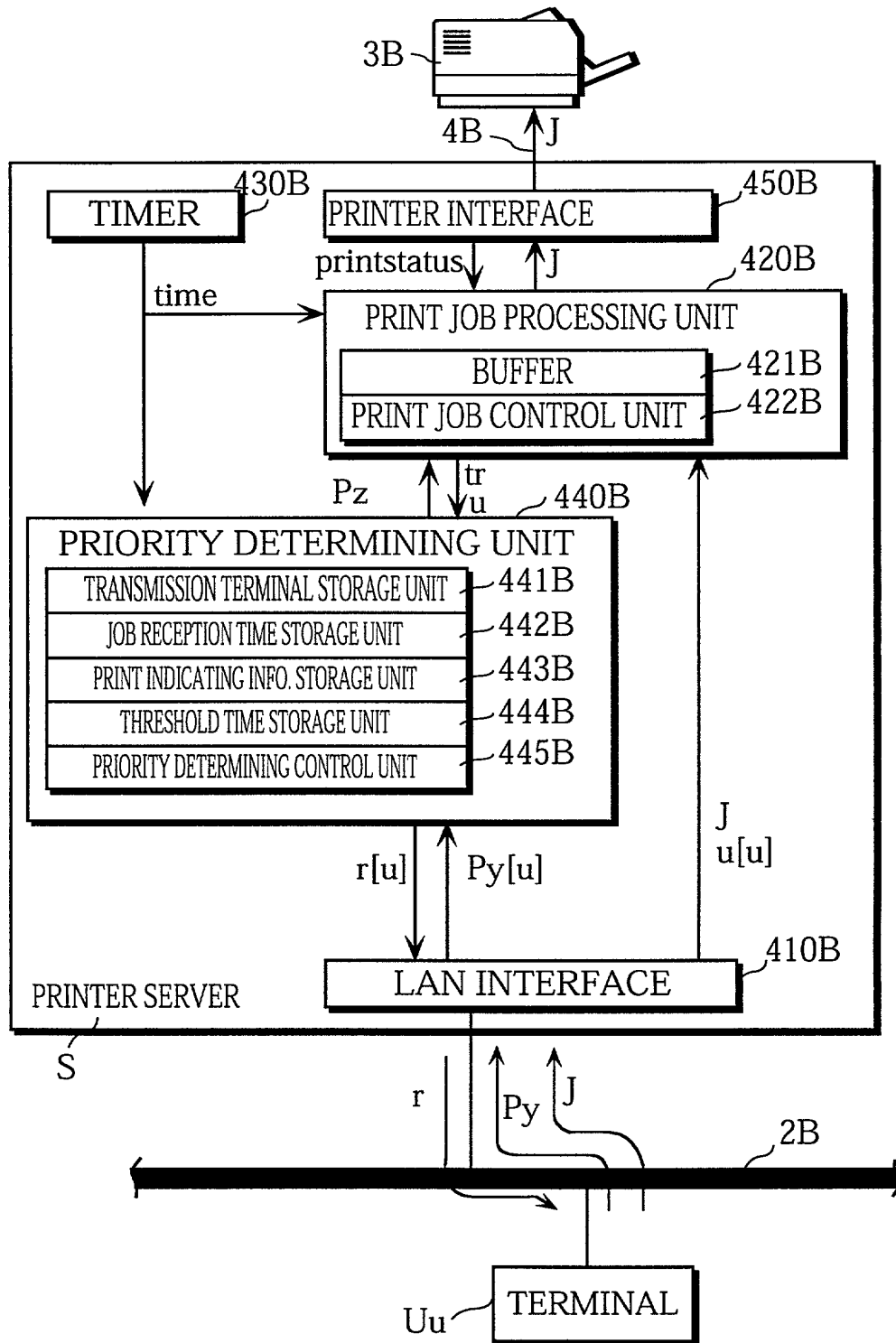


FIG. 25

421B

BUFFER NO. n	JOB BODY J[n]	TRANSMISSION TERMINAL NO. U[n]	JOB RECEPTION TIME tr[n]	FLAG f[n]	PRIORITY LEVEL Pz[n]
1					
2					
3					
	⋮				
N					



FIG.26

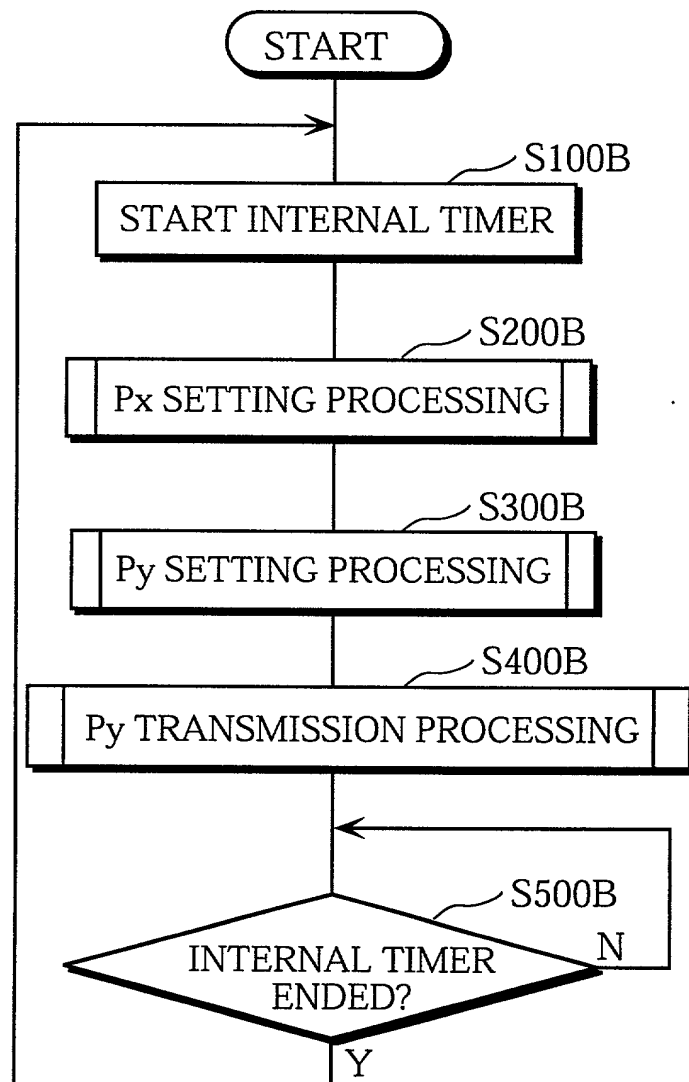


FIG. 27

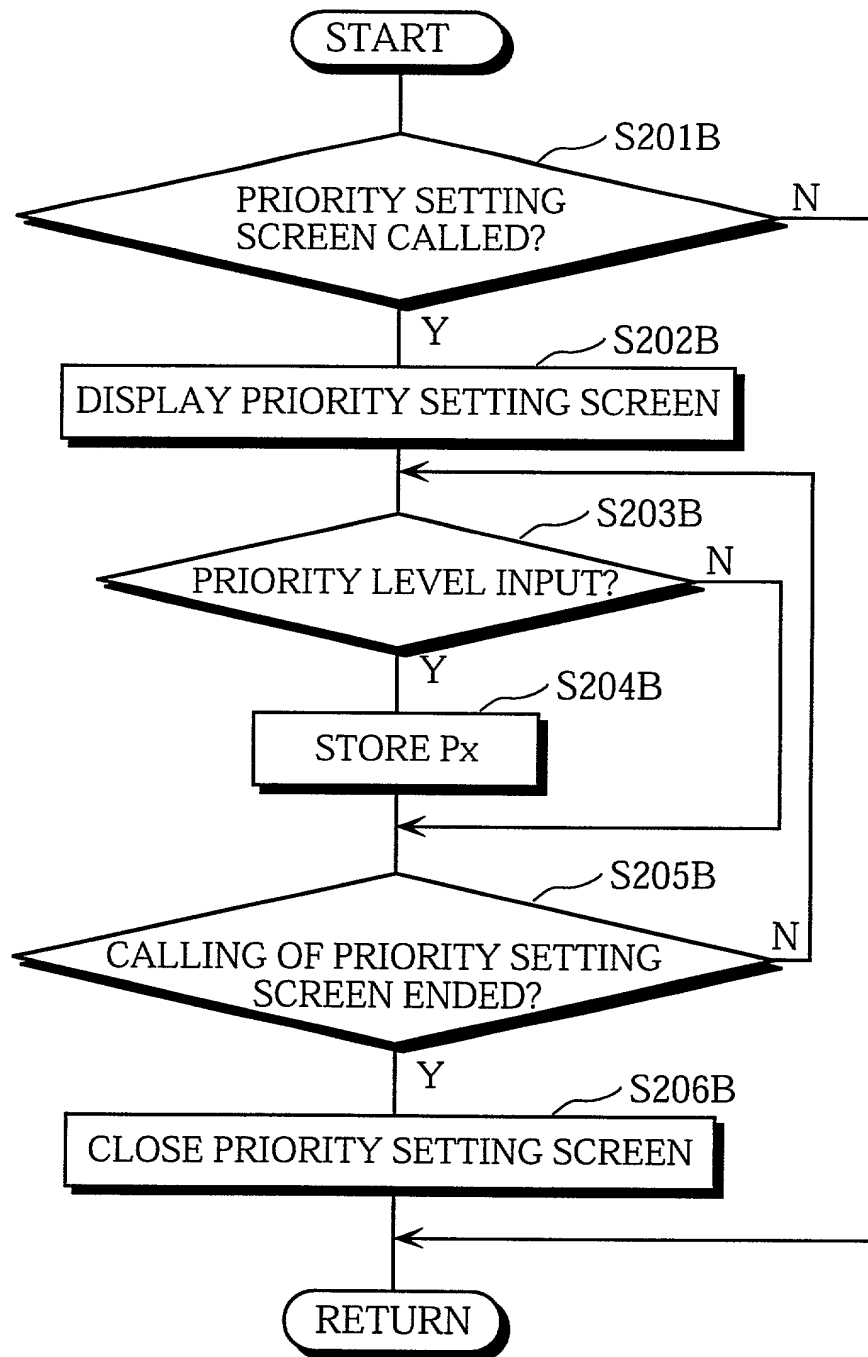


FIG.28

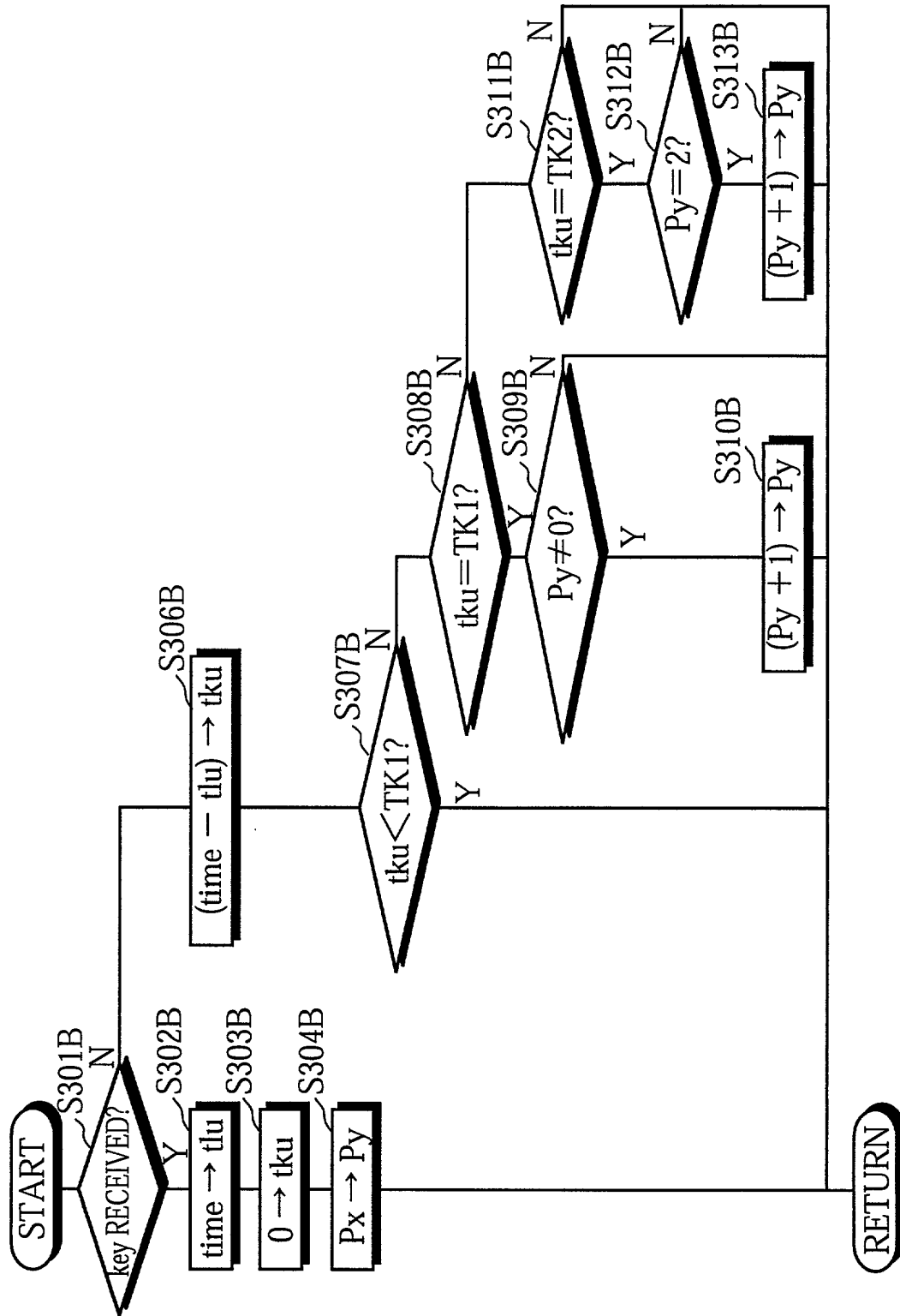


FIG. 29

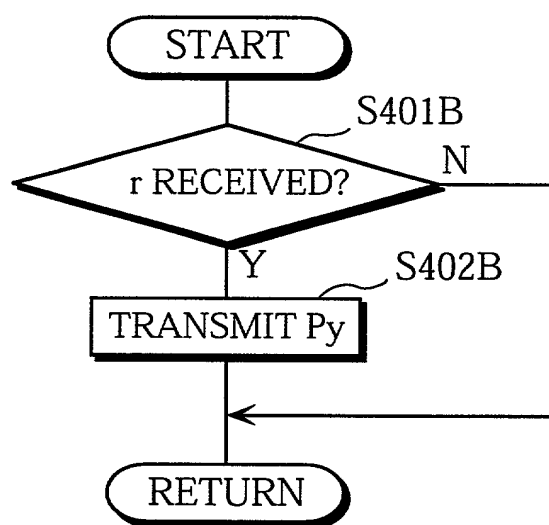


FIG. 30

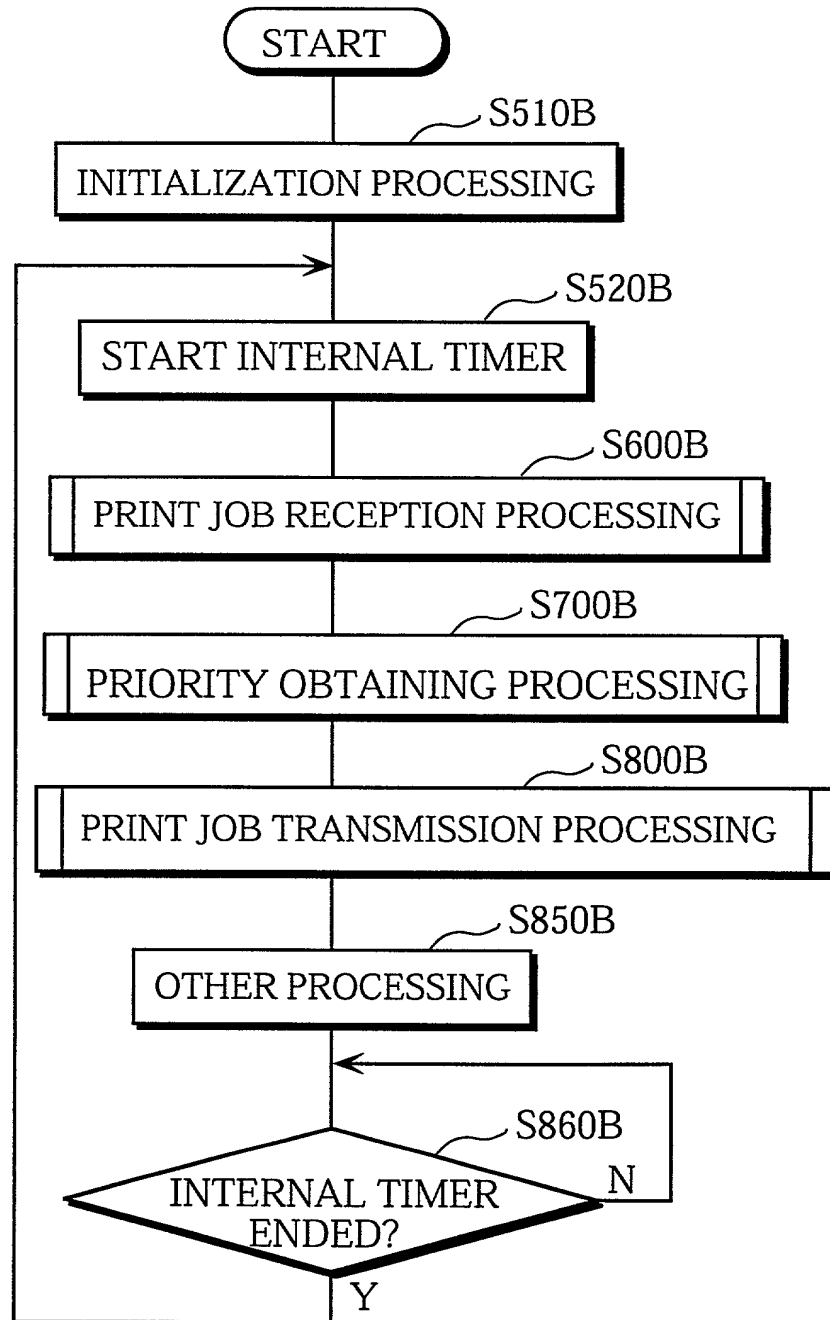


FIG. 31

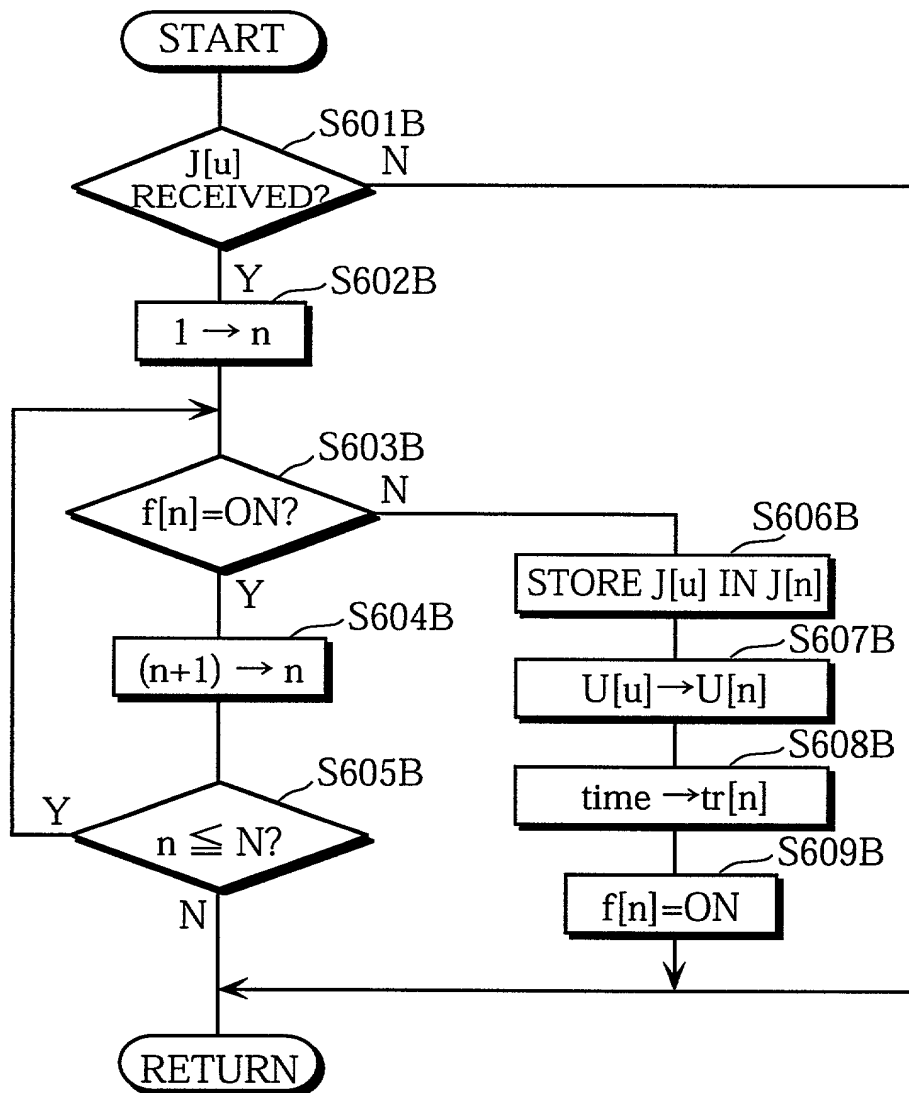


FIG. 32

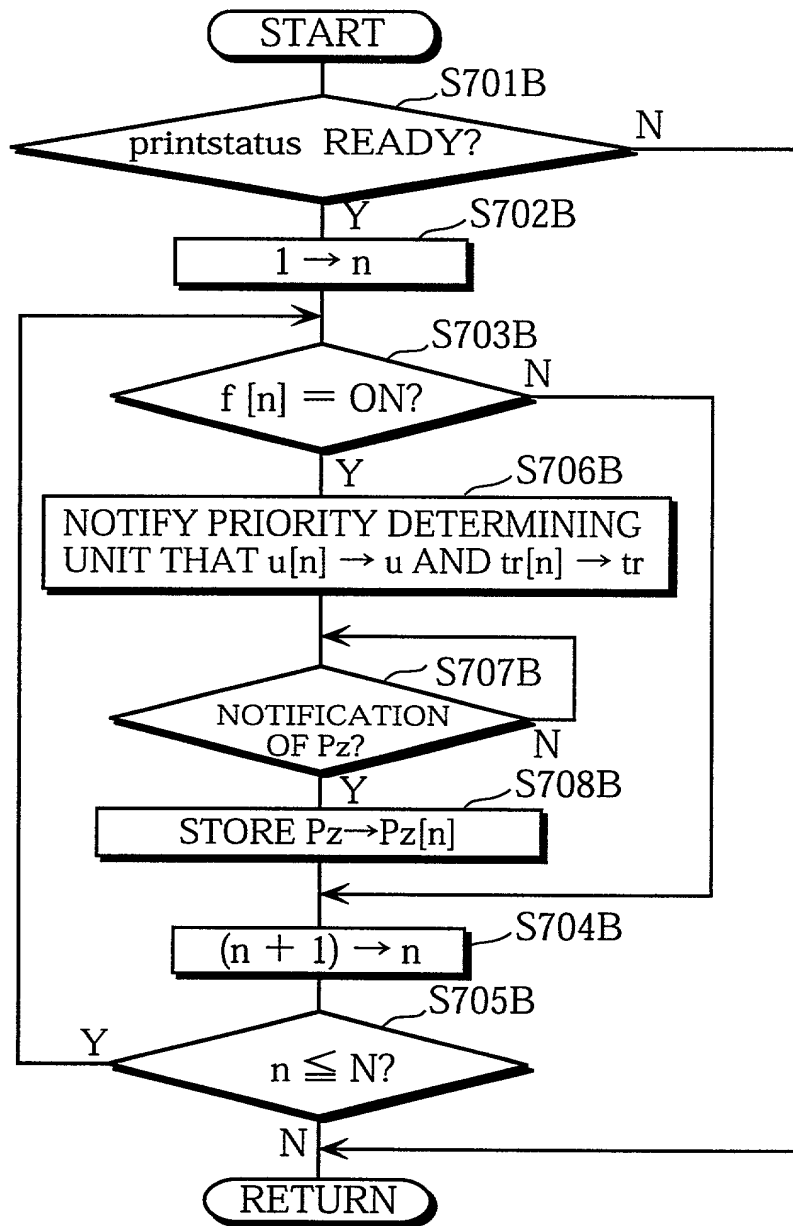


FIG. 33

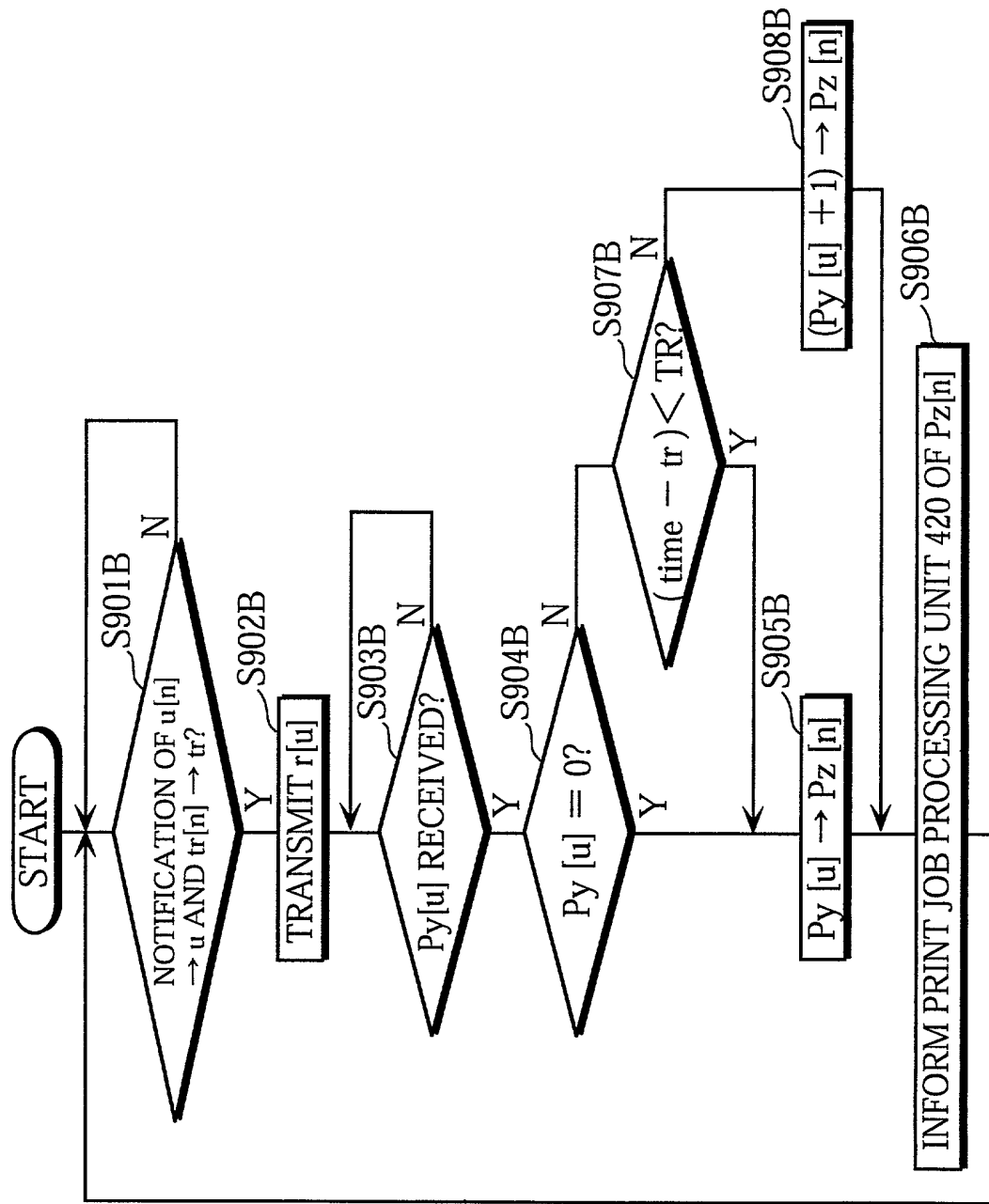




FIG. 34

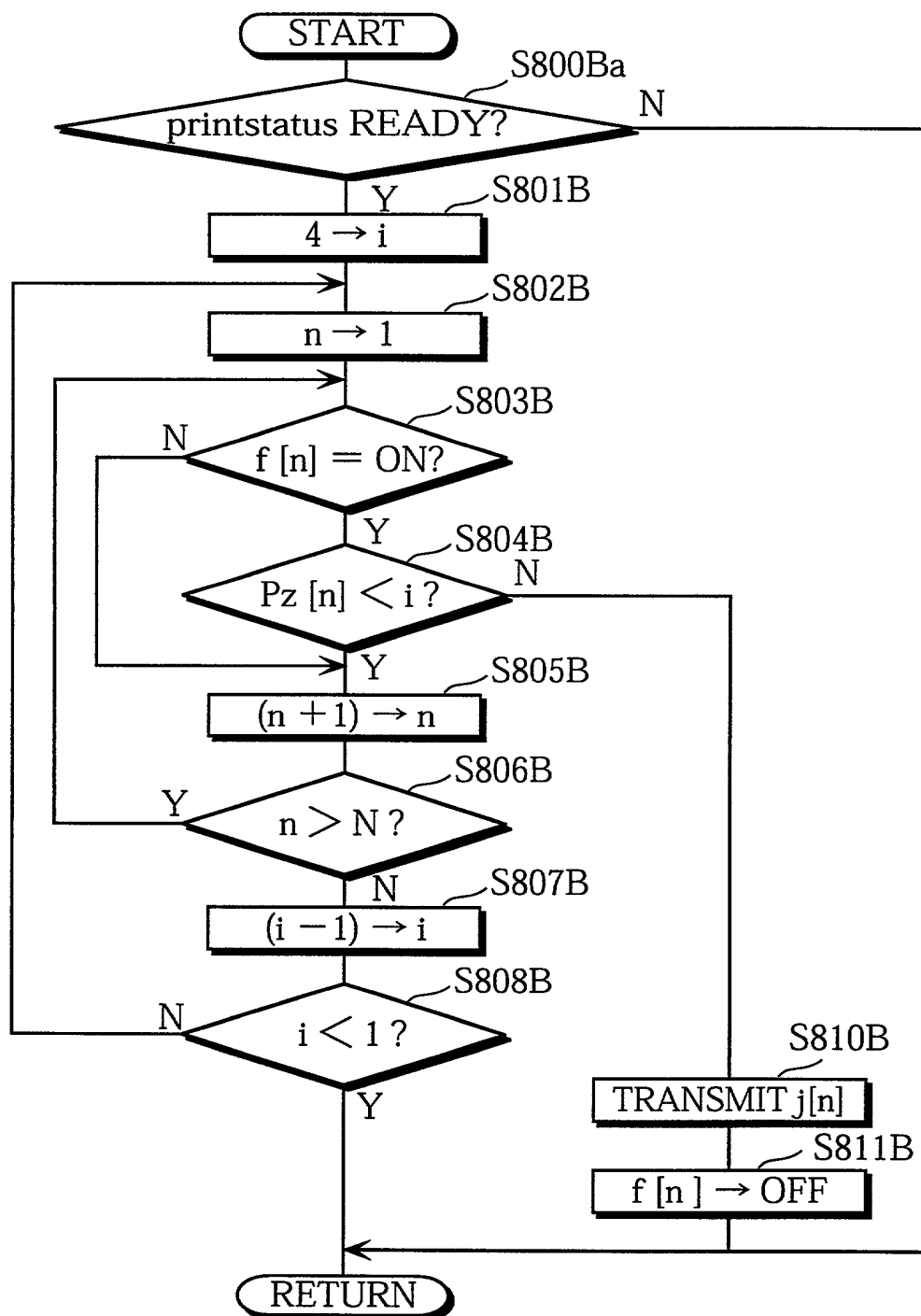


FIG. 35

SERVER S

TERMINAL  $U_u$

